

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062433.D
 Acq On : 17 May 2019 12:10
 Operator : FY/SY
 Sample : VD0517SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBL01

Quant Time: May 17 17:31:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	613985	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	833601	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	656175	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	391471	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	295535	51.80	ug/l	0.03
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	6.93	113	354956	51.32	ug/l	0.04
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	10.42	98	733104	43.96	ug/l	0.02
Spiked Amount	50.000		Recovery	=	87.92%	
62) 4-Bromofluorobenzene	13.56	95	338547	50.56	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.12%	

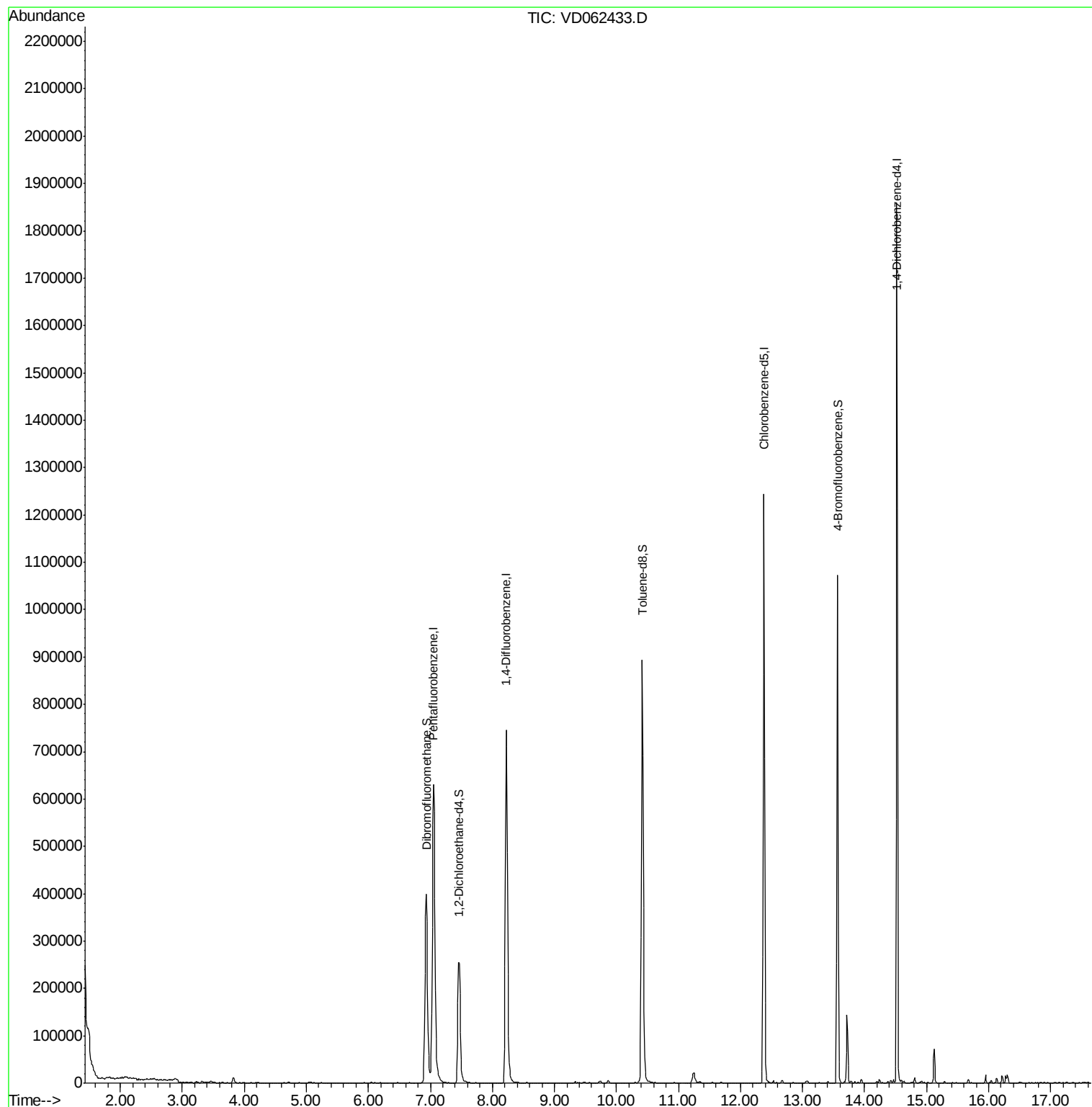
Target Compounds	Qvalue

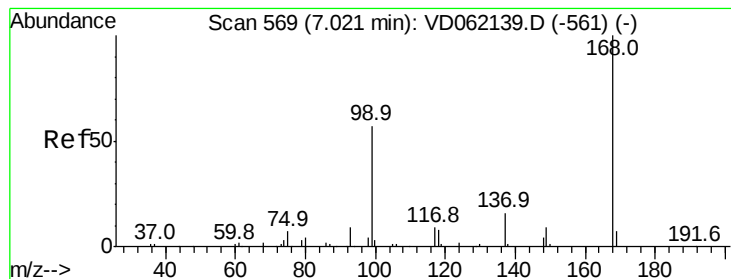
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062433.D

Acq: 17 May 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

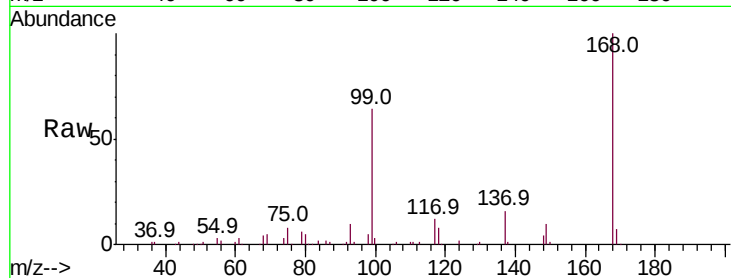
VD0517SBL01

Tot Ion:168 Resp: 613985

Ion Ratio Lower Upper

168 100

99 64.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

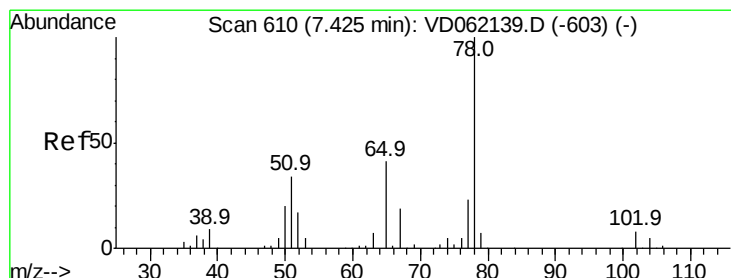
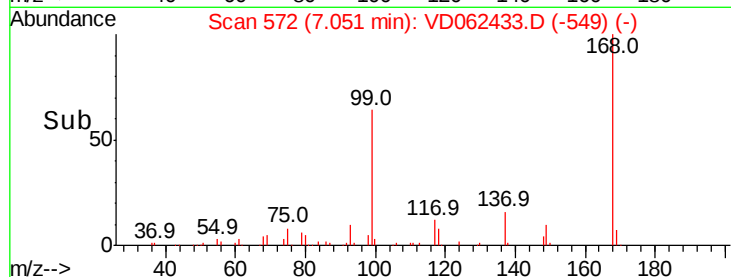
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 51.795 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062433.D

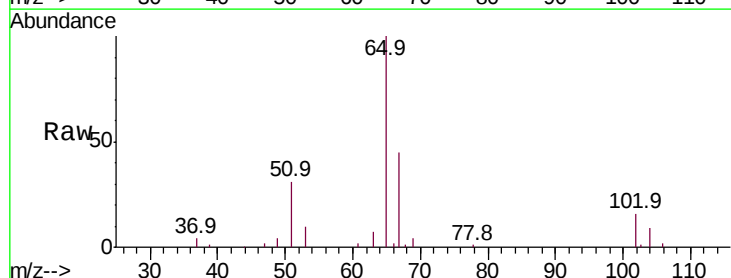
Acq: 17 May 2019 12:10

Tgt Ion: 65 Resp: 295535

Ion Ratio Lower Upper

65 100

67 44.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

120000

100000

80000

60000

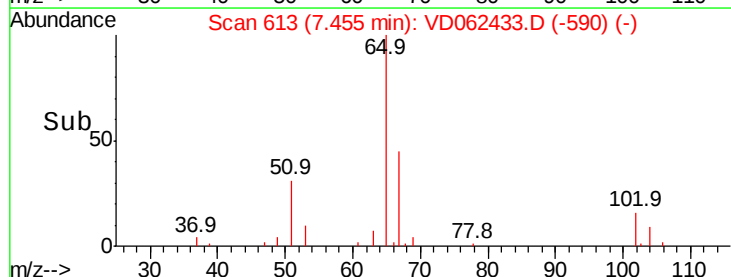
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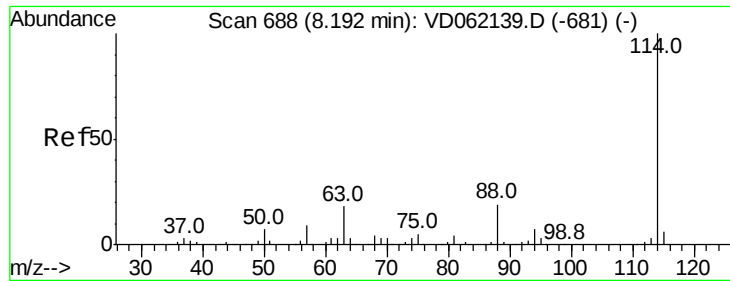
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0

Time-->

7.30 7.40 7.50 7.60 7.70

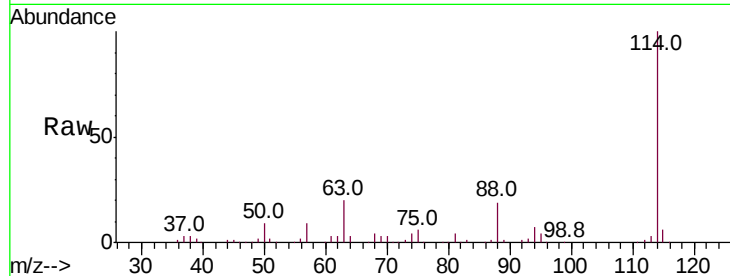




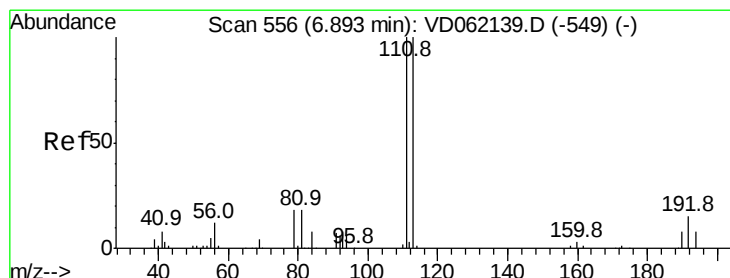
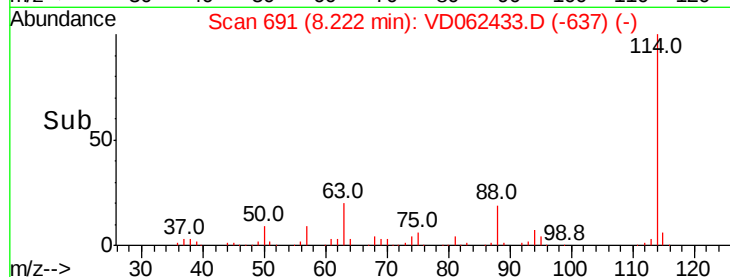
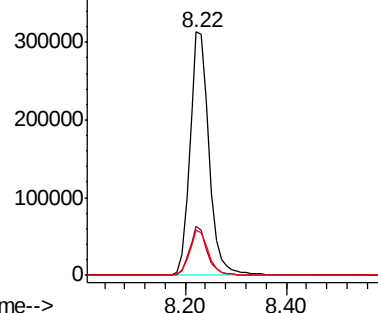
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062433.D
 Acq: 17 May 2019 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBL01

Tot Ion:114 Resp: 833601
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 32.4
 88 18.8 0.0 33.6

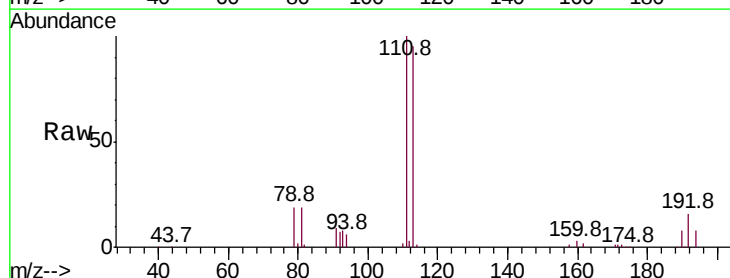


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

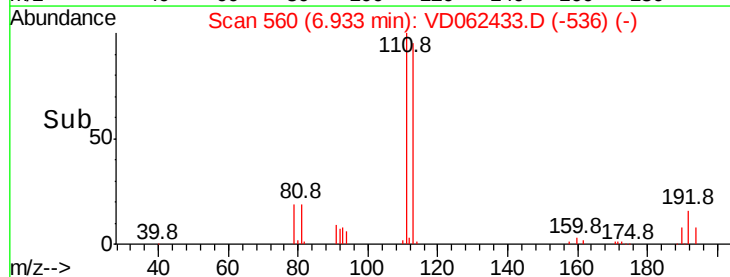
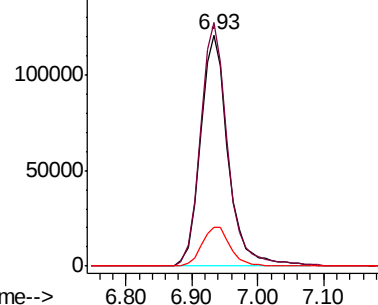


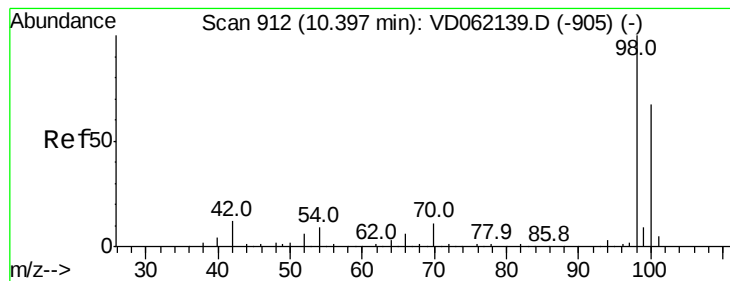
#35
 Dibromofluoromethane
 Concen: 51.320 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062433.D
 Acq: 17 May 2019 12:10

Tgt Ion:113 Resp: 354956
 Ion Ratio Lower Upper
 113 100
 111 105.3 78.5 117.7
 192 16.5 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 43.961 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062433.D

Acq: 17 May 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

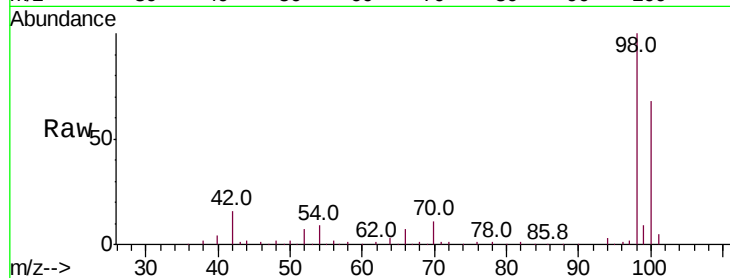
VD0517SBL01

Tot Ion: 98 Resp: 733104

Ion Ratio Lower Upper

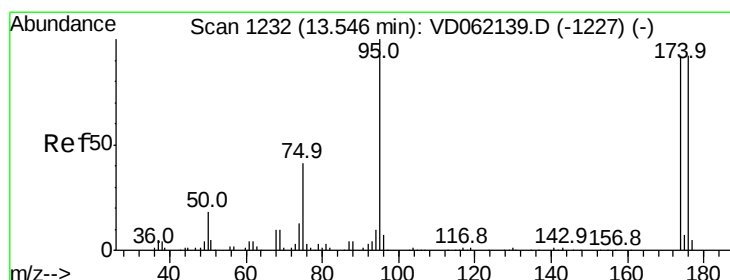
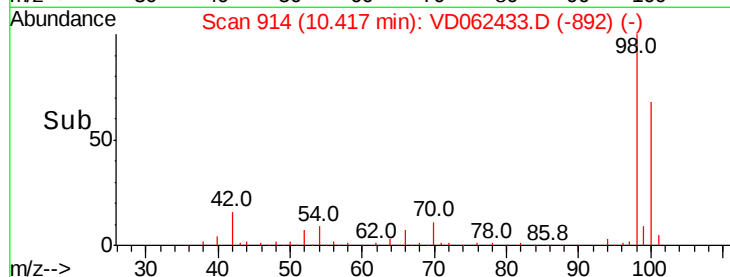
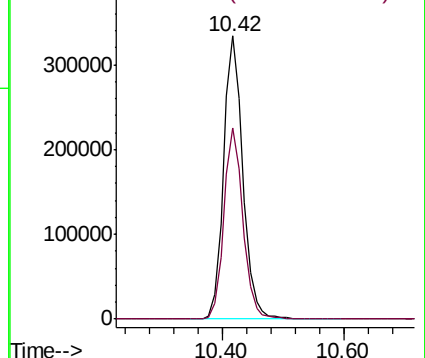
98 100

100 67.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 50.556 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062433.D

Acq: 17 May 2019 12:10

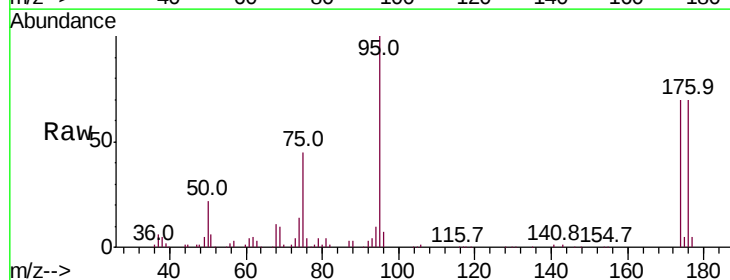
Tgt Ion: 95 Resp: 338547

Ion Ratio Lower Upper

95 100

174 69.6 0.0 181.8

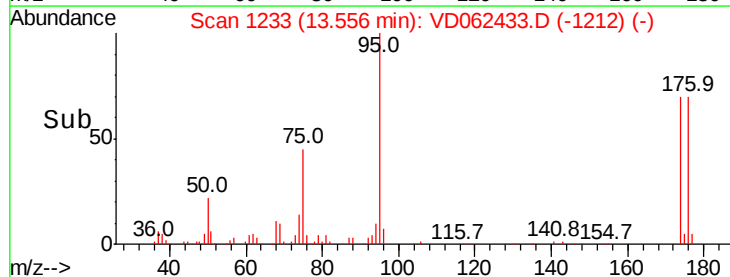
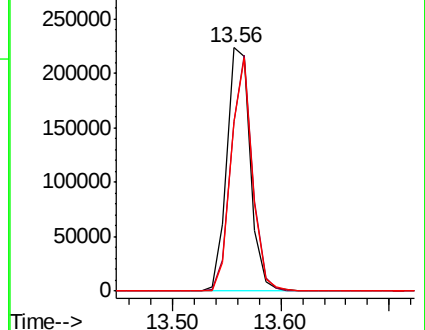
176 69.6 0.0 174.4

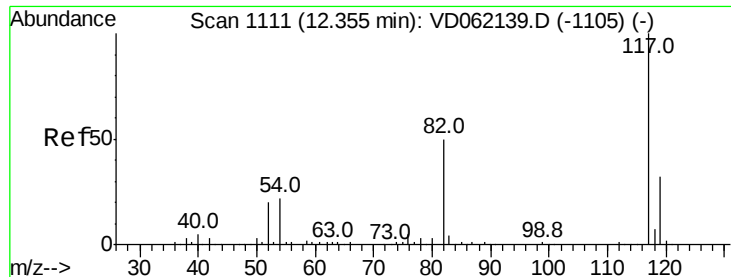


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

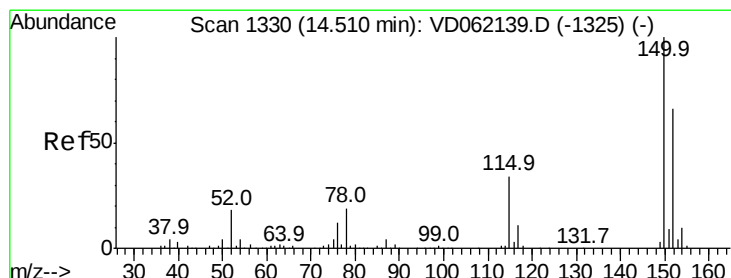
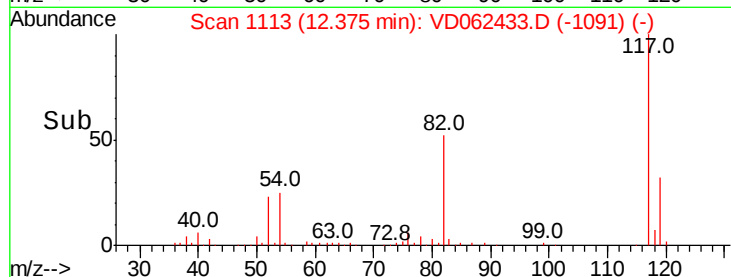
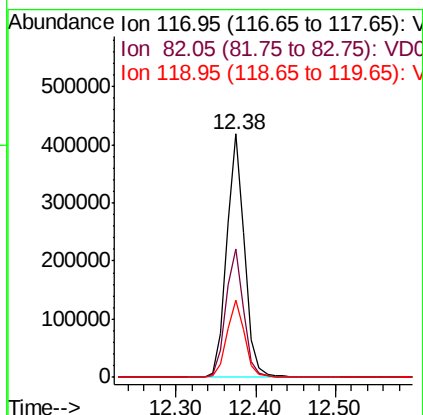
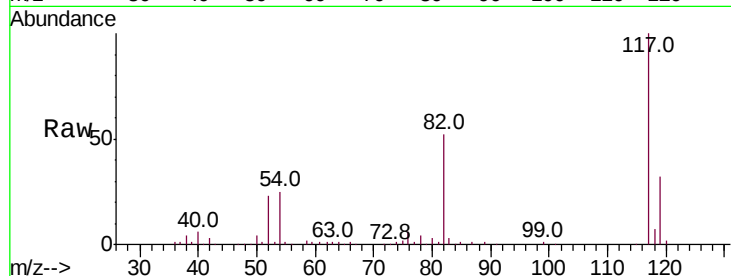




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062433.D
Acq: 17 May 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

Tot Ion:117 Resp: 656175
Ion Ratio Lower Upper
117 100
82 52.5 36.2 54.2
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062433.D
Acq: 17 May 2019 12:10

Tgt Ion:152 Resp: 391471
Ion Ratio Lower Upper
152 100
115 62.8 30.9 92.7
150 153.6 0.0 314.8

